Table of Contents

options 4
nodes 5
edges 21
visualization 28
graph 30
Package Diagram1 32

Table of Figures

options 4
nodes 5
edges 21
visualization 28
graph 30
Package Diagram1 32

Class Diagram

options

Summary

Name	Documentation
NodeColors	
EdgeColors	

Details

NodeColors

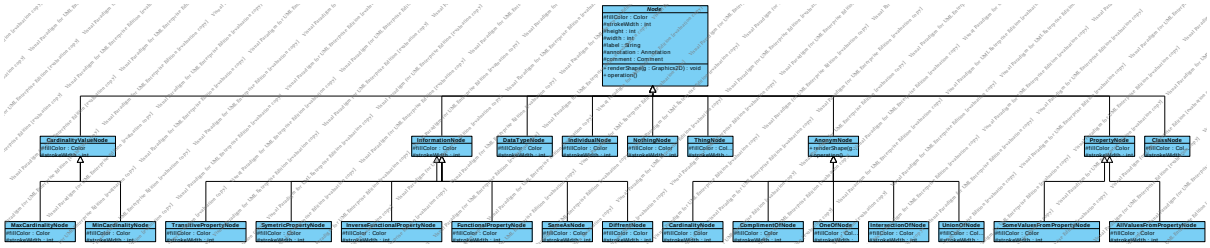
Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

EdgeColors

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Class Diagram

nodes



Summary

Name	Documentation
Node	
ClassNode	
PropertyNode	
AnonymNode	
AllValuesFromPropertyNode	
SomeValuesFromPropertyNode	
UnionOfNode	
IntersectionOfNode	
OneOfNode	
ComplimentOfNode	
CardinalityNode	
ThingNode	
NothingNode	
IndividualNode	
DataTypeNode	
InformationNode	
DiffrentNode	
SameAsNode	
FunctionalPropertyNode	
InverseFunctionalPropertyNode	
SymetricPropertyNode	
TransitivePropertyNode	
CardinalityValueNode	
MinCardinalityNode	
MaxCardinalityNode	

Details

Node

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Attributes

protected fillColor : Color			
Type	Color		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected strokeWidth			
Type	int		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected height : int			
Type	int		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected width : int			
Type	int		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected label : String			
Type	String		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected annotation : Annotation			
Type	Annotation		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected comment : Comment			
Type	Comment		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

Operations

public renderShape (g : Graphics2D)		
Parameters	g	
	Multiplicity	Unspecified
	Type	Graphics2D
	Direction	inout
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public operation ()	
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unamed Generalization	
To	ClassNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	PropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	AnonymNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	ThingNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	NothingNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	IndividualNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	DataTypeNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	InformationNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	CardinalityValueNode
Substitutable	false
Visibility	Unspecified

ClassNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

PropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
To	AllValuesFromPropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	SomeValuesFromPropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

AnonymNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
To	UnionOfNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	IntersectionOfNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	OneOfNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	ComplimentOfNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	CardinalityNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

AllValuesFromPropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	PropertyNode
Substitutable	false
Visibility	Unspecified

SomeValuesFromPropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	PropertyNode
Substitutable	false
Visibility	Unspecified

UnionOfNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	AnonymNode
Substitutable	false
Visibility	Unspecified

IntersectionOfNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	AnonymNode
Substitutable	false
Visibility	Unspecified

OneOfNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	AnonymNode
Substitutable	false
Visibility	Unspecified

ComplimentOfNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	AnonymNode
Substitutable	false
Visibility	Unspecified

CardinalityNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	AnonymNode
Substitutable	false
Visibility	Unspecified

ThingNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

NothingNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

IndividualNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

DataTypeNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

InformationNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
To	DiffrentNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	SameAsNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	FunctionalPropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	InverseFunctionalPropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	SymetricPropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	TransitivePropertyNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

DiffrentNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

SameAsNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

FunctionalPropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

InverseFunctionalPropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

SymetricPropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

TransitivePropertyNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	InformationNode
Substitutable	false
Visibility	Unspecified

CardinalityValueNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
To	MinCardinalityNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	MaxCardinalityNode
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
From	Node
Substitutable	false
Visibility	Unspecified

MinCardinalityNode

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	CardinalityValueNode
Substitutable	false
Visibility	Unspecified

MaxCardinalityNode

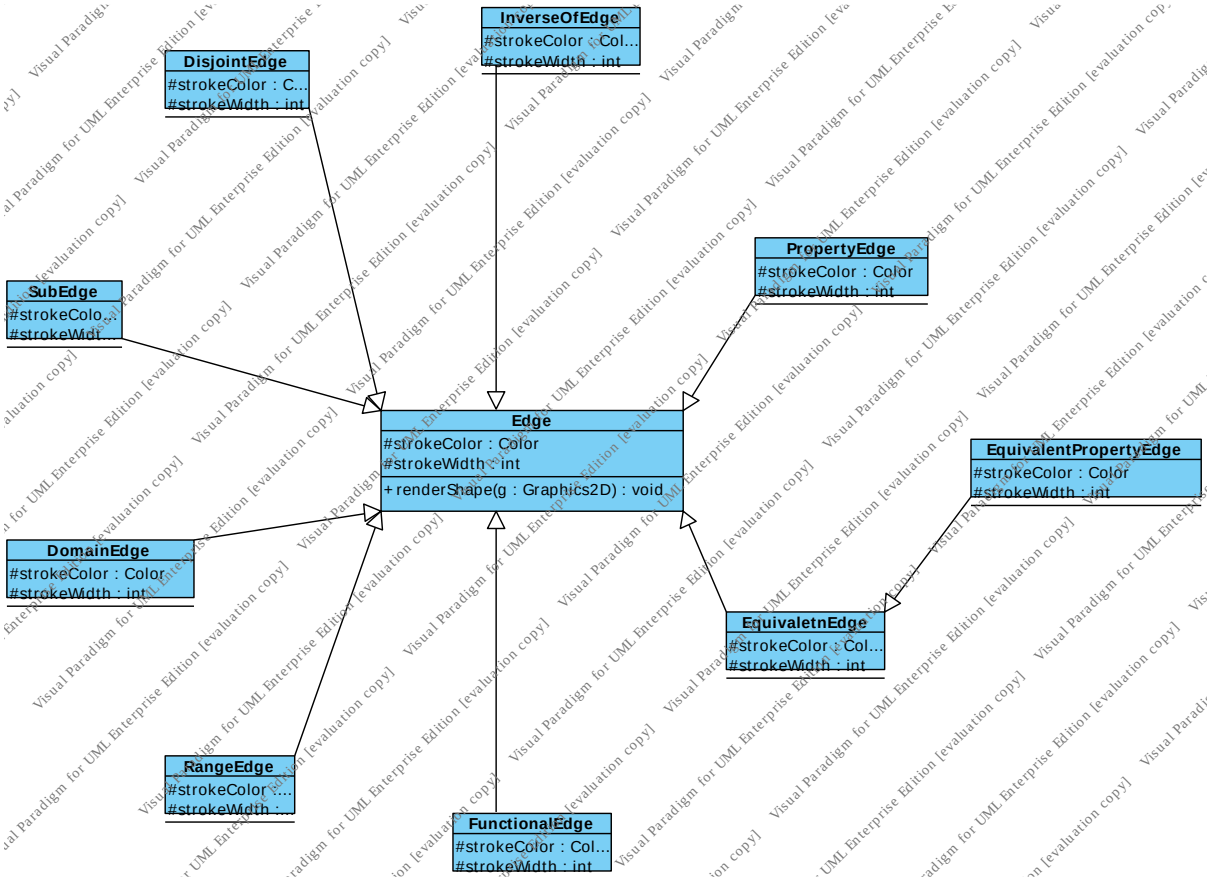
Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	CardinalityValueNode
Substitutable	false
Visibility	Unspecified

Class Diagram

edges



Summary

Name	Documentation
Edge	
SubEdge	
EquivaletnEdge	
EquivalentPropertyEdge	
DisjointEdge	
InverseOfEdge	
FunctionalEdge	
PropertyEdge	
DomainEdge	
RangeEdge	

Details

Edge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Attributes

protected strokeColor : Color			
Type	Color		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

protected strokeWidth : int			
Type	int		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

Operations

public renderShape (g : Graphics2D)		
Parameters	g	
	Multiplicity	Unspecified
	Type	Graphics2D
	Direction	inout
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

Relationships

Unamed Generalization	
To	SubEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	EquivaletnEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	DisjointEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	InverseOfEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	FunctionalEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	PropertyEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	DomainEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
To	RangeEdge
Substitutable	false
Visibility	Unspecified

SubEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

EquivaletnEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
To	EquivalentPropertyEdge
Substitutable	false
Visibility	Unspecified

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

EquivalentPropertyEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	EquivaletnEdge
Substitutable	false
Visibility	Unspecified

DisjointEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

InverseOfEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

FunctionalEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

PropertyEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

DomainEdge

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

RangeEdge

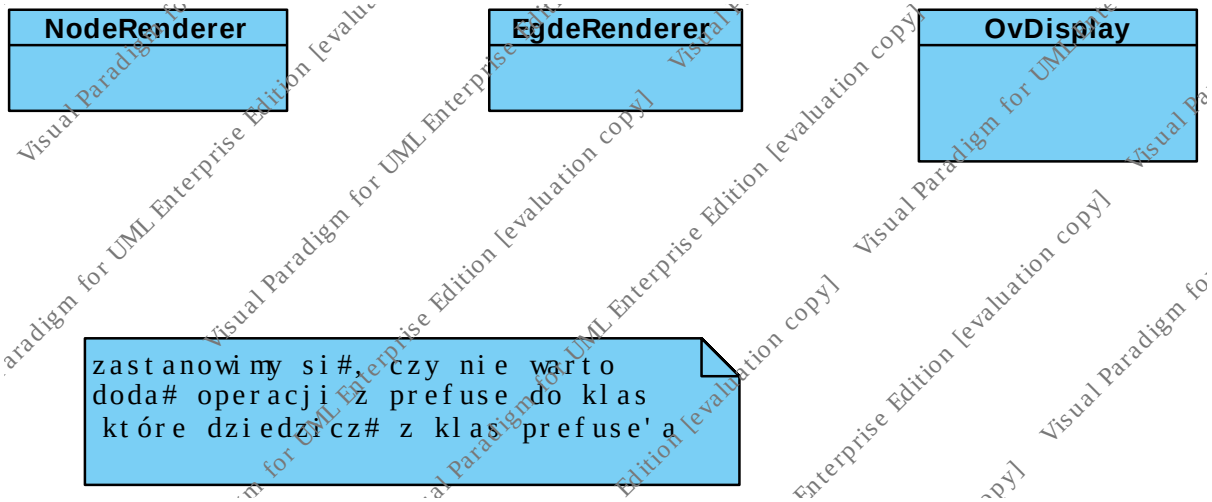
Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Relationships

Unamed Generalization	
From	Edge
Substitutable	false
Visibility	Unspecified

Class Diagram

visualization



Summary

Name	Documentation
NodeRenderer	
EgdeRenderer	
OvDisplay	
N/A	zastanowimy si#, czy nie warto doda# operacji z prefuse do klas które dziedzicz# z klas prefuse'a

Details

NodeRenderer

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

EgdeRenderer

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

OvDisplay

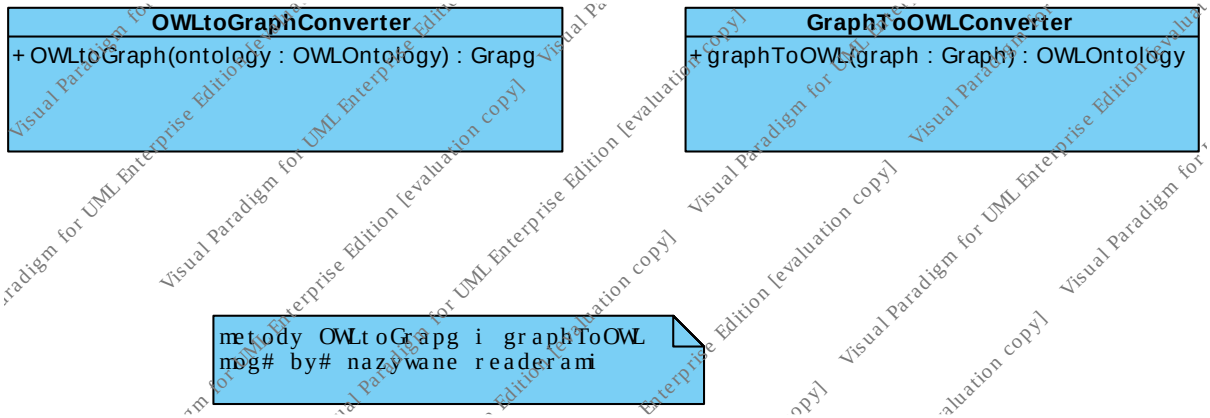
Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

N/A

Name	Value
Documentation	zastanowimy si#, czy nie warto doda# operacji z prefuse do klas które dziedzicz# z klas prefuse'a

Class Diagram

graph



Summary

Name	Documentation
OWLtoGraphConverter	
GraphToOWLConverter	
N/A	metody OWLtoGrapg i graphToOWL mog# by# nazywane readerami

Details

OWLtoGraphConverter

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Operations

public OWLtoGraph (ontology : OWLOntology) : Grapg		
Parameters	ontology	
	Multiplicity	Unspecified
	Type	OWLOntology
	Direction	inout
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

GraphToOWLConverter

Name	Value
Active	false
Business Model	false
Visibility	public
Leaf	false
Root	false

Operations

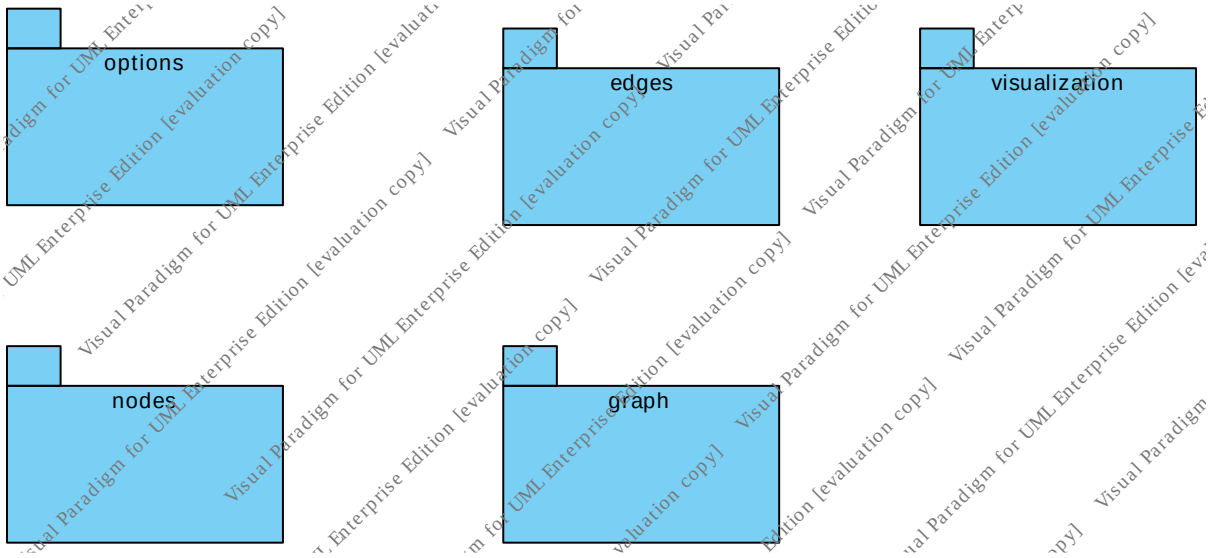
public graphToOWL (graph : Graph) : OWLOntology		
Parameters	graph	
	Multiplicity	Unspecified
	Type	Graph
	Direction	inout
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

N/A

Name	Value
Documentation	metody OWLtoGrapg i graphToOWL mog# by# nazywane readerami

Package Diagram

Package Diagram1



Summary

Name	Documentation
options	
edges	
nodes	
graph	
visualization	

Details

options

Name	Value
Abstract	false
Leaf	false
Root	false
Visibility	public

Children

Name	Documentation
NodeColors	
EdgeColors	

Sub Diagrams

Name	Documentation
options	

edges

Name	Value
Abstract	false
Leaf	false
Root	false
Visibility	public

Children

Name	Documentation
Edge	
SubEdge	
EquivaletnEdge	
EquivalentPropertyEdge	
DisjointEdge	
InverseOfEdge	
FunctionalEdge	
PropertyEdge	
DomainEdge	
RangeEdge	

Sub Diagrams

Name	Documentation
edges	

nodes

Name	Value
Abstract	false
Leaf	false
Root	false
Visibility	public

Children

Name	Documentation
Node	
ClassNode	
PropertyNode	
AnonymNode	
SomeValuesFromPropertyNode	
UnionOfNode	
IntersectionOfNode	
OneOfNode	
ComplimentOfNode	
AllValuesFromPropertyNode	
CardinalityNode	
ThingNode	
NothingNode	
IndividualNode	
DataTypeNode	
InformationNode	
DiffrentNode	
SameAsNode	
FunctionalPropertyNode	
InverseFunctionalPropertyNode	
SymetricPropertyNode	
TransitivePropertyNode	
CardinalityValueNode	
MinCardinalityNode	
MaxCardinalityNode	

Sub Diagrams

Name	Documentation
nodes	

graph

Name	Value
Abstract	false
Leaf	false
Root	false
Visibility	public

Children

Name	Documentation
OWLtoGraphConverter	
GraphToOWLConverter	
	metody OWLtoGrapg i graphToOWL mog# by# nazywane readerami

Sub Diagrams

Name	Documentation
graph	

visualization

Name	Value
Abstract	false
Leaf	false
Root	false
Visibility	public

Children

Name	Documentation
NodeRenderer	
EgdeRenderer	
OvDisplay	
	zastanowimy si#, czy nie warto doda# operacji z prefuse do klas które dziedzicz# z klas prefuse'a

Sub Diagrams

Name	Documentation
visualization	